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Query Match 100.0%; Score 1268; DB 2; Best Local Similarity 100.0%; Préd. No. 3e-126; Matches 232; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Listing first 45 summaries
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US-08-8297-633A-3
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US-09-500-253B-3
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US-08-252-991A-24717
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Length 232;
                                                 GENERAL INFORMATION:

APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regeneron of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,721
FILNG DATE: 07-JUN 1995
CLASSIFICATION 435
PROOF APPLICATION DATA:
APPLICATION NUMBER: 08/392,935
FILING DATE: 02-SEP-1993
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                    ADDRESSEE: Regeneron Pharmaceuticals, Inc. STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
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COMPUTER READABLE FORM:
MADJUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
Sequence 2, Application US/08485721
Patent No. 5821124
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Best Local Similarity
Matches 232; Conserv
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; ORGANISM: human
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Patent No. 5843775
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regents of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PatentIn Release #1.0, Version #1.25
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100.0%; Pred. No. 3e-126;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Regeneron Pharmaceuticals, Inc. STREET: 777 Old Saw Mill River Road CITY: Tarrytown STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US/08/392,935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFRERNCE/DOCKET NUMBER: Reg 132
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914.347-2113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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amino acid
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Best Local Similarity 100.
Matches 232; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10591
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APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REPERENCE: REG 133
CURRENT APPLICATION NUMBER: US/08/897,236A
CURRENT FILING DATE: 1997-07-17
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.0
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TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS
FILE REPERBNEE: REG13-2
CURRENT APPLICATION UNBER: US/09/167,874
CURRENT APPLICATION NUMBER: US/09/167,874
CURRENT FILING DATE: 1998-10-07
EARLIER APPLICATION NUMBER: 08/485,721
EARLIER FILING DATE: 1995-09-02
EARLIER FILING DATE: 1995-09-02
EARLIER FILING DATE: 1995-09-02
EARLIER FILING DATE: 1993-09-02
EARLIER FILING DATE: 1993-00-02
EARLIER FILING DATE: 1993-00-02
EARLIER APPLICATION NUMBER: 07/957,401
EARLIER APPLICATION NUMBER: 07/950,410
EARLIER APPLICATION NUMBER: 07/950,410
EARLIER FILING DATE: 1992-09-03
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Pred. No. 3e-126;
; Mismatches 0;
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EARLIER FILING DATE: 1992-09-03
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; Patent No. 6075007
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SEQ ID NO 2
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us-09-897-322-2.jul24.rai

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Sequence 11, Application US/08897236A
Patent No. 6075007
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133
CURRENT APPLICATION NUMBER: US/08/897,236A
NUMBER: OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 11
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                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 1268; DB 5;
Pred. No. 3e-126;
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99.1%; Pred. No. 3.5e-125;
ive 0; Mismatches 2;
                  E: Regeneron Pharmaceuticals, Inc. 777 Old Saw Mill River Road
                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08326
FILLING DATE: 02-SEP-1993
CLASSIFICATION:
                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,43
REFERENCE/DOCKET NUMBER: Reg 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-347-7000
TELEFAX: 914-347-2113
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100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                               232 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Matches 230; Conservative
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PCT-US93-08326-2
 CORRESPONDENCE ADDRESS:
                                                                                                                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    unknown
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                                                                      New York
                                                                                        U.S.A.
                                                   Tarrytown
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TYPE: PRT
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APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INTURTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133-2.
CURRENT APPLICATION NUMBER: US/09/500,253B
CURRENT FILIMO DAFE: 2000-02-08
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                 LNETLLRSLLGGHYDPGFMATSPPEDRPGGGGGAAGCAEDLAELDQLLRQRPSGAMPSEI 120
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; Pred. No. 3e-126;
0; Mismatches 0; Indels 0
                                                                                      Length 232;
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TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
                                                                                    ; Score 1268; DB 3;
; Pred. No. 3e-126;
0; Mismatches 0;
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100.0%;
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Best Local Similarity 100.0%;
Matches 232; Conservative 0
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              TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
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TYPE: PRT
                                                 US-09-167-874-2
LENGTH: 232
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1 MERCPSLGVTLYALVVVLGLRATPAGGQHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKD 60
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STATE OF INVENTION:

TITLE OF INVENTION:

FILE REFERENCE:

FILE REFERENCE:

CURRENT APPLICATION NUMBER:

CURRENT APPLICATION NUMBER:

CURRENT FILING DATE: 1998-10-07

EARLIER PRILICATION NUMBER: 08/485,721

EARLIER FILING DATE: 1995-09-22

EARLIER FILING DATE: 1995-09-22

EARLIER FILING DATE: 1995-09-22

EARLIER PLING DATE: 1993-09-02

EARLIER FILING DATE: 1993-09-02

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EARLIER FILING DATE: 1992-09-03

EARLIER PLING DATE: 1992-09-03
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Pred. No. 3.5e-125;
0; Mismatches 2;
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99.1%;
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Best Local Similarity 99.1
Matches 230; Conservative
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; ORGANISM: mouse
US-09-167-874-11
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US-09-500-253B-11
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US-09-167-874-11
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Sequence 11, Application US/09500253B Patent No. 6500640

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APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REPRENENCE: REG 133-2
CURRENT APPLICATION NUMBER: US/09/500,253B
CURRENT FILING DATE: 2000-02-08
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO 11
LENGTH: 232
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Patent No. 6075007
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REPERENCE: REG 13
CURRENT APPLICATION NUMBER: US/08/897,236A
CURRENT FILING DATE: 1997-07-17
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                             Score 1258; DB 4; Length 232;
Pred. No. 3.5e-125;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     94.2%; Score 1195; DB 3; 94.8%; Pred. No. 4.1e-118;
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                                                                                                                                                                                                                                                                                                                  99.2%;
99.1%;
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 99.17
Matches 230; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  220; Conservative
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Best Local Similarity
Matches 220; Conserv
                                                                                                                                                                                                                                                ORGANISM: Mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: human
                                                                                                                                                                                                                                                                   US-09-500-253B-11
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LENGTH: 449
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-897-236-23
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32,143
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                                                                                                                                : 222 amino acids
amino acid
                                                                    TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 222 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                               ; MOLECULE TYPE: protein US-08-485-721-9
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                     unknown
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                                                                                                                                                                 TOPOLOGY:
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                                                                               GENERAL INCORDATION:
APPLICANT: Regeneron Pharmaceuticals, Inc.
APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition FILE REFERENCE: REG 133-2
CURRENT APPLICATION NUMBER: US/09/500,253B
CURRENT FILING DATE: 2000-02-08
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO 23
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                                                                                                                                                                                                                                                                                                                                                                                         12; Gaps
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                                                                                                                                                                                                                                                                                                                                                      Length 449;
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APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regeneron of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                Score 1195; DB 4;
Pred. No. 4.1e-118;
0; Mismatches 0;
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APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/485,721 FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                Sequence 23, Application US/09500253B Patent No. 6500640
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Patent No. 5821124
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94.8%;
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Best Local Similarity 94.8
Matches 220; Conservative
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COUNTRY: U.S.A.
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
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                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Human
             RESULT 11
US-09-500-253B-23
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69 LLGGHYDPGFMATSPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEG 128
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                                                                                                                                                                                                                                                                                                                                                                                                                                           9 VTLYALVVVLGLRATPAGGQHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRS
                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                 Indels
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NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,935
                                                                                                                                                                                                                                                                                                                                                              23;
                                                                                                                                                                                                                                                                                                              DB 2;
                                                                                                                                                                                                                                                                                                           Query Match 74.9%; Score 949.5; DB 2 Best Local Similarity 78.1%; Pred. No. 1.5e-92; Matches 175; Conservative 17; Mismatches 23
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ADDRESSEE: Regeneron Pharmaceuticals, Inc. STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: Reg 132 TELECOMMUNICATION INFORMATION: TELEPHONE: 914-347-7000
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; Patent No. 5843775
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COMPUTER: IBM PC compatible
COPERAING SYSTEM: PC-DOS/MS-
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LLGGHYDPGFMATSPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEG 128
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: New York
RY: U.S.A.
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US-08-485-721-11
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                                                                                                                        Gaps
                                                                                                                        6
                                                                                     Length 222;
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                                                                                                                        Indels
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TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
CLASSIFICATION:
NAME: Rempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELECOMMUNICATION INPORMATION:
TELEPHONE: 914-347-7000
                                                                                   74.9%; Score 949.5; DB 2; 78.1%; Pred. No. 1.5e-92; Live 17; Mismatches 23;
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GENERAL INFORMATION:
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ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: PC-OMPatible
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amino acid
                                                                                 Query Match
Best Local Similarity 78.1
Matches 175; Conservative
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INFORMATION FOR SEO ID NO:
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TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-392-935-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , MOLECULE TYPE: protein PCT-US93-08326-9
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ADDRESSEE: Regeneron
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175; Conserva
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Best Local S.
Matches 175
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                                                                                                                                                                                                                                                                                       Sequence 11, Application US/08485721
Patent No. 581124
GENERAL INFORMATION
APPLICANT: Regeneron Pharmaceuticals, Inc. and
APPLICANT: Regents of the University of California
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and
TITLE OF SEQUENCES: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,721
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 503; DB 2;
Pred. No. 7.6e-46;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Regeneron Pharmaceuticals, Inc
STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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APPLICATION NUMBER: 08/392,935
FILING DATE: 02-SEP-1993
APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RCQRRGGQRCGWIPIQYPIISECKCSC
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IBM PC compatible
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TELEPHONE: 914-347-7000
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98.9%;
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INFORMATION FOR SEO ID NO: 11
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 98.9
Matches 86; Conservative
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1268
1 MERCPSLGVTLYALVVVLGL.....QRCGWIPIQYPIISECKCSC 232
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/cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           451899 seqs, 118759770 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                      OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 2, Appli	Sequence 4, Appli	Sequence 2, Appli	Sequence 11, Appl	Sequence 6, Appli	Sequence 11, Appl	Sequence 23, Appl	Sequence 4, Appli	Sequence 4, Appli	Sequence 2, Appli	Sequence 3, Appli	Sequence 3, Appli	Sequence 16, Appl	Sequence 14, Appl	. ' 9
SUMMARIES	di Gi	US-09-897-322-2	US-10-044-716-4	US-10-323-268-2	US-09-897-322-11	US-10-044-716-6	US-10-323-268-11	US-10-323-268-23	US-09-854-731-4	US-09-884-001-4	US-10-159-151-2	US-09-897-322-3	US-10-323-268-3	US-09-854-845-16	US-09-854-845-14	US-09-854-845-6
	DB	10	14	16	10	14	16	16	10	10	15	10	16	9	6	6
	ouery Match Length DB ID	232	232	232	232	232	232	449	623	979	1368	14	14	939	954	1034
	Query Match	100.0	100.0	100.0	99.3	99.2	99.5	94.2	7.1	7.0	6.9	6.9	6.9	6.8	6.8	6.8
	Score	1268	1268	1268	1258	1258	1258	1195	90.5	88.5	87.5	87	87	86.5	86.5	86.5
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Gaps

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Length 232; Indels

Query Match 100.0%; Score 1268; DB 10; Best Local Similarity 100.0%; Pred. No. 3.5e-115; Matches 232; Conservative 0; Mismatches 0;

1 MERCPSLGVTLYALVVVLGLRATPAGGQHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKD 60

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Sequence 2, Appli Sequence 96, Appli	R AND COMPOSITIONS
US-09-854-845-2 US-09-854-845-8 US-10-245-107-96 US-10-245-117-96 US-10-245-771-96 US-10-245-813-96 US-10-245-813-96 US-10-245-813-96 US-10-237-138-96 US-10-237-138-96 US-10-237-138-96 US-10-245-97-96	ALIGNMENTS 97322 SSUE AFFECTING FACTOR 5/09/897, 322 -02 1167, 874 485, 721 392, 935 7059, 410 950, 410
1049 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	US/098 3A1 t al. XSAL TI B B B B B B B B B B B B B B B B B B B
	SULT 1 Sequence 2, Application US/09 Patent No. US20020102643A1 GENERAL INFORMATION: FILE REFERENCE: REG13.B FILE REFERENCE: REG13.B FILE REFERENCE: REG13.B CURRENT APPLICATION NUMBER: OF RING APPLICATION NUMBER: 09 PRIOR APPLICATION NUMBER: 09 PRIOR FILING DATE: 1995-07-09 PRIOR FILING DATE: 1995-09-09-07 PRIOR FILING DATE: 1995-09-09-07 PRIOR FILING DATE: 1992-09-09-07 PRIOR FILING DATE: 1992-09-09-07 PRIOR FILING DATE: 1992-09-09-07 PRIOR FILING DATE: 1992-09-09-07 PRIOR FILING DATE: 1992-09-07 PRIOR FILING
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	SULT 1 Sequence 2, Applica Sequence 2, Applica Sequence 2, Applica Sequence 2, Applica Fatent No. US200201 GENERAL INFORMATION APPLICANT: Valenzu TITLE OF INVALICATION FRICH APPLICATION PRIOR FILING DATE: PRIOR FILING DATE
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TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS FILE REFERENCE: REG132-B
CURRENT APPLICATION NUMBER: US/09/897,322
CURRENT FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: 09/167,874
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                                                           8; DB 16;
3.5e-115;
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Pred. No. 3.3e-114;
0; Mismatches 2;
                                                             Score 1268;
                                                                                                 Mismatches
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PRIOR APPLICATION NUMBER: 08/485,721
PRIOR APPLICATION NUMBER: 08/485,721
PRIOR APPLICATION NUMBER: 08/392,935
PRIOR APPLICATION NUMBER: 07/0893/08326
PRIOR PILING DATE: 1993-09-02
PRIOR PELLING DATE: 1992-10-06
PRIOR PELLING DATE: 1992-10-06
PRIOR PELLING DATE: 1992-10-06
PRIOR PELLING DATE: 1992-09-23
PRIOR PELLING DATE: 1992-09-03
PRIOR FILING DATE: 1992-09-03
                                                                             Pred. No.
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99.1%;
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Best Local Similarity 99.1
Matches 230; Conservative
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Matches 232; Conserv
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US-10-323-268-2
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Publication No. US20020159986A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: LANGENRELD, John
TITLE OF INVENTION: BONE MORPHOGENETIC PROTEIN-2 IN THE TREATMENT AND DIAGNOSIS OF (FILE REFERENCE: 270/07002)
CURRENT APPLICATION NUMBER: US/10/044,716
CURRENT FILING DATE: 2002-01-11
PRIOR PILING DATE: 2001-01-12
PRIOR FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin version 3.1
                                                           Sequence 2, Application US/10323268
Publication No. US20030129703A1
GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133-2
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                                                                                                                 KGLEFSEGLAQGKKQRLSKKLRRKLQMWLWSQTFCPVLYAWNDLGSRFWPRYVKVGSCFS 180
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Pred. No. 3.5e-115;
0; Mismatches 0;
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CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US/09/500,253
PRIOR FILING DATE: 2000-02-08
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Best Local Similarity 100.
Matches 232; Conservative
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SOFTWARE: PatentIn versions ID NO 2
LENGTH: 232
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Sequence 23, Application US/10323268
Publication No. US20030129703A1
GENERAL INFORMATION:
APPLICANT: Regeneron Plarmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133-2
CURRENT APPLICATION NUMBER: US/10/323,268
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US/09/500,253
PRIOR FILING DATE: 2000-02-08
                                                                                     KGLEFSEGLAQGKKQRLSKKLRRKLQMWLWSQTFCPVLYAWNDLGSRFWPRYVKVGSCFS 180
                                                                                                           61 INFTLLRSLLGGHYDPGFMATSPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSET 120
    61 LNETLLRSLLGGHYDPGFMATSPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEI 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 KGLEFSEGLAQGKKQRLSKKLRRKLQMWLWSQTFCPVLYAWNDLGSRFWPRYVKVGSCFS 180
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                                                                                                                                                                  181 KRSCSVPEGMVCKPSKSVHLTVLRWRCQRRGGQRCGWIPIQYPIISECKCSC 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        94.2%; Score 1195; DB 16; Length 449; 94.8%; Pred. No. 9.8e-108; Live 0; Mismatches 0; Indels 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/09854731
Fatent No. US20020120949A1
GENERAL INFORMATION:
APPLICANT: Allen, Steve
APPLICANT: Lee, Jian Ming
TITLE OF INVENTION: Plant Protein Kinases
FILE REFERENCE: BB-17.1
CURRENT APPLICATION NUMBER: US/09/854,731
CURRENT FILING DATE: 2001-05-14
FRIOR FILING DATE: JULY 10, 1998
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Microsoft Office 97
SEQ ID NO 4
LENGTH: 623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
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220; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Human US-10-323-268-23
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Best Local Si
Matches 220)
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                                                                                                                                                                               ADDITION TO THE TREATMENT AND DIAGNOSIS OF CATTLE REPERENCE. John TITLE OF INVENTION: BONE MORPHOGENETIC PROTEIN-2 IN THE TREATMENT AND DIAGNOSIS OF CATTLE REPERENCE: 270/07008
CURRENT APPLICATION NUMBER: US/10/044,716
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: US60/261,252
PRIOR APPLICATION NUMBER: US60/261,252
PRIOR PILING DATE: 2001-01-12
SOFTWARE: PATENTING DATE: 2001-01-12
SOFTWARE: PATENTING DATE: 2001-01-12
SECTION 06
LENGTH: 232
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Publication No. US20030129703A1

GENERAL INFORMATION:
APPLICATION No. US20030129703A1

GENERAL INFORMATION:
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133-Z

CURRENT APPLICATION NUMBER: US/09/500,253

PRIOR APPLICATION NUMBER: US/09/500,253

PRIOR PILING DATE: 2000-12-19

PRIOR FILING DATE: 2000-02-08

NUMBER OF SEO ID NOS: 27

SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        KGLEFSEGLAQCKKQRLSKKLRRKLQMWLMSQTFCPVLYAWNDLGSRFWPRYVKVGSCFS 180
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181 KRSCSVPEGMVCKPSKSVHLTVLRWRCQRRGGRCGWIPIQYPIISECKCSC 232
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ilarity 99.1%; Pred. No. 3.3e-114;
Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 1258; DB 14;
Pred. No. 3.3e-114;
0; Mismatches 2;
                                                                                                                        ; Sequence 6, Application US/10044716; Publication No. US20020159986A1; GENERAL INFORMATION:
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Best Local Similarity 99.1%;
Matches 230; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Mus musculus US-10-044-716-6
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Best Local Similarity
Matches 230; Conserv
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LENGTH: 1368
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                     APPLICANT:
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                                                                                                                                                                                         82 SPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGLAQGKKQRLSKKL 141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              73 -HYDPGFMATSPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGL-- 129
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                                                                                                               24 PAGGQHYL - HIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLLGGHYDPGFMAT 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09884001

Publication No. US20020182656A1

GENERAL INFORMATION:

APPLICANT: Bird, Timothy A.

APPLICANT: Sins, John E.

APPLICANT: Virca, G. Duke

APPLICANT: Willis, Cynthia R.

TITLE OF INVENTION: Methods for Regulating Vascularization Using GEF;

TITLE OF INVENTION: Containing NEK-Like Kinase (GNK)

FILE REFERENCE: Immunes ONK/SGNK PCT

CURRENT APPLICATION NUMBER: US/09/884,001

CURRENT FILING DATE: 1998-12-18

PRIOR FILING DATE: 1998-12-18
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                                     Length 623;
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                                       DB 10;
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                                     7.1%; Score 90.5; Dl
30.3%; Pred. No. 2.6;
Live 12; Mismatches
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7.0%; Score 88.5;
Best Local Similarity 22.5%; Pred, No. 7;
Matches 50; Conservative 21; Mismatche
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cytokinetics, Inc.
APPLICANT: Beraud, Christopher
APPLICANT: Guo, Jun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 979
                                                       Best Local Similarity 30.3
Matches 37; Conservative
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                                                                                                                                                                                                                                                                   142 RR 143
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US-09-854-731-4
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                                       Query Match
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1096 SGDQEAALPVSSATRHLWLSSSPPDNKPGG------DLPALSPSPIRQHPADKLPS- 1145
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TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS
FILE REFERENCE: REG132-8

CURRENT APPLICATION NUMBER: US/09/897,322

CURRENT FILING DATE: 2001-07-02

PRIOR APPLICATION NUMBER: 09/167,874

PRIOR FILING DATE: 1998-10-07

PRIOR PELING DATE: 1998-10-07

PRIOR PELING DATE: 1998-10-07

PRIOR PELING DATE: 1998-10-07

PRIOR PELING DATE: 1993-09-02

PRIOR PELING DATE: 1993-09-02

PRIOR PELING DATE: 1993-09-02

PRIOR PELING DATE: 1993-10-06

PRIOR PELING DATE: 1992-10-06

PRIOR PELING DATE: 1992-09-23

PRIOR PELING DATE: 1992-09-03

PRIOR PELING DATE: 1992-09-03

PRIOR PELING DATE: 1992-09-03

PRIOR PELING DATE: 1992-09-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;. OTHER INFORMATION: Description of Artificial Sequence: Kini-3 motor; OTHER INFORMATION: domain fragment
US-10-159-151-2
APPLICANT: Davies, watherine A. TITLE OF INVENTION KINI-3 MOTOR PROTEIN AND METHODS FOR ITS USE CURRERN APPLICATION KINI-3 MOTOR PROTEIN AND METHODS FOR ITS USE CURRENT APPLICATION NUMBER: US/10/159,151
CURRENT APPLICATION NUMBER: US/09/967,908
PRIOR PLICATION NUMBER: US/09/967,908
PRIOR FILING DATE: 2001-09-28
PRIOR FILING DATE: 2000-09-29
NUMBER OF SEO ID NOS: 10
SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 1368;
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Patent No. US20020102643Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
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SOFTWARE: PatentIn Ver. 2.0
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Best Local Similarity
Matches 52; Conserva
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RESULT 15
US-09-854-845-6
Sequence 6, Application US/09854845
Sequence 6, Application US/09854845
Sequence 6, Application US/09854845
Sequence 6, Application US/09854845
GENERAL INFORMATION:
APPLICANT: Wang, Xiaonin
APPLICANT: Turner, C. Alexander Jr.
TITLE OF INVENTION: No. US20020098491Alel Human Semaphorin Homologs and Polynucleo
FILE REFERENCE: LEX-0177-USA
CURRENT APPLICATION NUMBER: US/09/854,845
CURRENT FILING DATE: 2000-05-18
PRIOR FILING DATE: 2000-05-18
PRIOR FILING DATE: 2000-05-18
PRIOR FILING DATE: 2000-06-05
PRIOR FILING DATE: 2000-06-05
NUMBER OF SEQ ID NOS: 50
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Walke, D. Wade
APPLICANT: Wang, Xiaoming
APPLICANT: Scoville, John
APPLICANT: Turner, C. Alexander Jr.
TITLE OF INVENTION: NO. US20020098491Alel Human Semaphorin Homologs and Polynucleo
FILE REFERENCE: LEX-017-USA
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 60/205,274
PRIOR APPLICATION NUMBER: US 60/208,893
PRIOR FILING DATE: 2000-06-02
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               380 GKQQRCS-TLEDSSNMSLWTQNITACPVRNVTRDGGFGPWSPWQPCEHLDGDNSGSCLCR 438
                                                380 GKQQRCS-TLEDSSNMSLWTQNITACPVRNVTRDGGFGPWSPWQPCEHLDGDNSGSCLCR 438
                                                                                                                                        439 ARSCDSPRPRCGGLDCL-GPAIHIA----NCSRNG----AWTP--WSSWALCSTSC 483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              439 ARSCDSPRPRCGGLDCL-GPAIHIA----NCSRNG----AWTP--WSSWALCSTSC 483
                                                                                                 182 -RSCSVPE----GMVCKPSKSVHLTVLRWRCQRRGGQRCGWIPIQYPIISECKCSC 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                182 -RSCSVPE----GMVCKPSKSVHLTVLRWRCQRRGGQRCGWIPIQYPIISECKCSC 232
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Best Local Similarity 30.2%; Pred. No. 11;
Matches 35; Conservative 10; Mismatches 44; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 132 GKKORLSKKLRRKLOMWLWSQ - TFCPVLYAWNDLGSRFWPRYV - - -
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                                                                                                                                                                                                                                                                     Sequence 14, Application US/09854845 Patent No. US20020098491A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: homo sapiens
US-09-854-845-14
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US-09-854-845-6
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US-09-854-845-14
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Patent No. US20020098491A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
Mang, Xiaoming
APPLICANT:
Wang, Xiaoming
APPLICANT:
TITLE OF INVENTION:
No. US20020098491A1e1 Human Semaphorin Homologs and Polynucleotic
FILE FERERENCE: LEX-017-058
CURRENT APPLICATION NUMBER: US/09/654,845
CURRENT FILING DATE: 2001-05-14
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TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133-2
CURRENT APPLICATION NUMBER: US/10/323,268
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US/09/500,253
PRIOR PILING DATE: 2000-02-08
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.0
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                                                                                                                                             6.9%; Score 87; DB 10; Length 14; 100.0%; Pred. No. 0.049; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6.9%; Score 87; DB 16; Length 14; 100.0%; Pred. No. 0.049; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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PRIOR FILING DATE: 2000-05-18
PRIOR APPLICATION NUMBER: US 60/208,893
PRIOR FILING DATE: 2000-06-02
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/10323268 Publication No. US20030129703A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                              146 QMWLWSQTFCPVLY 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   146 QMWLWSQTFCPVLY 159
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                                                                                                                                             Query Match 6.9%
Best Local Similarity 100.C
Matches 14; Conservative
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Matches 14; Conservative
                                           ; TYPE: PRT
; ORGANISM: frog and mouse
US-09-897-322-3
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CORGANISM: homo sapiens
US-09-854-845-16
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US-10-323-268-3
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; SEQ ID NO 3
; LENGTH: 14
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us-09-897-322-2.jul24.rapb

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27; Gaps
Best Local Similarity 30.2%; Pred. No. 12;
Matches 35; Conservative 10; Mismatches 44; Indels
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Search completed: July 24, 2003, 13:31:07 Job time : 53 secs